

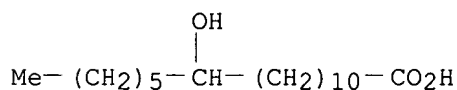
L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS  
AN 1989:198928 CAPLUS  
DN 110:198928  
TI Makeup sticks containing 12-hydroxysteric acid and esters  
IN Yokota, Takashi; Fukukura, Itsuo  
PA Kobayashi Kose Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 63119412	A2	19880524	JP 1986-264953	19861107 <--
PRAI	JP 1986-264953		19861107		

=> d ab

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS  
AB Cosmetic makeup sticks comprise 12-hydroxystearic acid, polyhydric alc.  
esters of rosin, branched or unsatd. fatty acids with polyhydric alc.,  
and  
coloring agents. The makeup gives improved luster and allows good  
dispersion of the color. A lipstick contained 12-hydroxystearic acid  
17.0, pentaerythritol ester of rosin 17.0, Japan Red 202 1.0, castor oil  
9.0, a perfume 0.2, an antioxidant 0.1, and diglyceryl dioleate to 100.0%  
by wt.

L4 ANSWER 140 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 3159-62-4 REGISTRY  
 CN **Octadecanoic acid, 12-hydroxy-, calcium salt (2:1) (8CI, 9CI)**  
 (CA INDEX NAME)  
 OTHER NAMES:  
 CN **12-Hydroxystearic acid calcium salt**  
 CN Advastab CS 6  
 CN **Calcium 12-hydroxyoctadecanoate**  
 CN **Calcium 12-hydroxystearate**  
 CN **Calcium di-12-hydroxystearate**  
 CN Calcium hydroxystearate  
 CN CS 6  
 CN CS 600  
 CN CS 600 (fatty acid)  
 CN LIGA  
 CN NF 12Ca  
 DR 2087-08-3  
 MF C18 H36 O3 . 1/2 Ca  
 CI COM  
 LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB,  
 MSDS-OHS, PROMT, TOXCENTER, USPATFULL  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN (106-14-9)



● 1/2 Ca

198 REFERENCES IN FILE CA (1962 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 198 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 141 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 1330-70-7 REGISTRY  
 CN **Octadecanoic acid, hydroxy- (7CI, 8CI, 9CI)** (CA INDEX NAME)  
 OTHER NAMES:  
 CN Cenwax A  
 CN Edenor DSSG  
 CN Hydroxyoctadecanoic acid  
 CN **Hydroxystearic acid**  
 CN **Hyfac 12**  
 CN **Monohydroxystearic acid**  
 MF C18 H36 O3  
 CI IDS, COM  
 LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,  
 CAOLD,  
 CAPLUS, CHEMCATS, CHEMLIST, CIN, EMBASE, ENCOMPLIT, ENCOMPLIT2,  
 ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDB, NAPRALERT, PROMT,  
 TOXCENTER, USPAT2, USPATFULL  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

HO<sub>2</sub>C-(CH<sub>2</sub>)<sub>16</sub>-Me

D1-OH

231 REFERENCES IN FILE CA (1962 TO DATE)  
59 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
231 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 142 OF 147 REGISTRY COPYRIGHT 2003 ACS  
RN 1323-43-9 REGISTRY  
CN Octadecanoic acid, 12-hydroxy-, monoester with 1,2,3-propanetriol  
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glycerol, mono(12-hydroxyoctadecanoate) (8CI)  
CN Octadecanoic acid, 12-hydroxy-, ester with glycerol (6CI, 7CI)  
CN Octadecanoic acid, 12-hydroxy-, monoester with glycerol (8CI)

OTHER NAMES:

CN 12-Hydroxystearic acid monoglyceride  
CN Glycerin mono-12-hydroxystearate  
CN Glyceryl mono-12-hydroxystearate

CN NatureChem GMHS

CN Rikemal HC 100

CN Rikemal HC 200

CN Rilanit GMHS

CN Salacos 121

DR 211555-81-6

MF C21 H42 O5

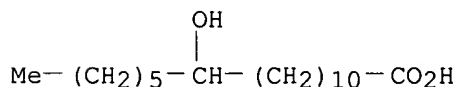
CI IDS, COM

LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB,  
TOXCENTER, USPATFULL

CM 1

CRN 106-14-9

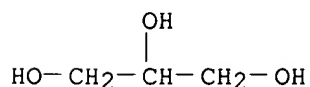
CMF C18 H36 O3



CM 2

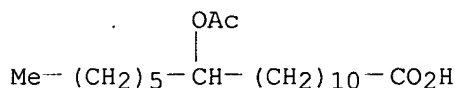
CRN 56-81-5

CMF C3 H8 O3



24 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 24 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

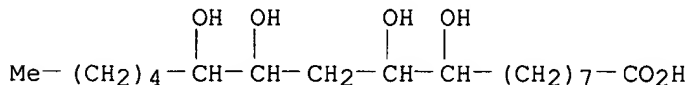
L4 ANSWER 143 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 1069-92-7 REGISTRY  
 CN **Octadecanoic acid, 12-(acetyloxy)- (9CI)** (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN **Octadecanoic acid, 12-hydroxy-, acetate (6CI, 7CI, 8CI)**  
 OTHER NAMES:  
 CN **12-Acetoxystearic acid**  
 CN **12-Hydroxystearic acid acetate**  
 MF C20 H38 O4  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, TOXCENTER, USPAT2,  
 USPATFULL  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

14 REFERENCES IN FILE CA (1962 TO DATE)  
 14 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

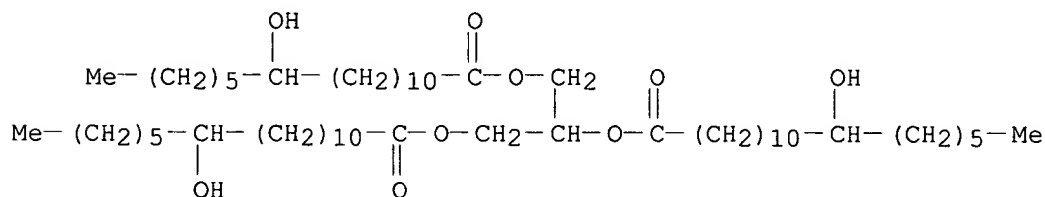
L4 ANSWER 144 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 541-82-2 REGISTRY  
 CN **Octadecanoic acid, 9,10,12,13-tetrahydroxy- (6CI, 7CI, 8CI, 9CI)**  
 (CA INDEX NAME)  
 OTHER NAMES:  
 CN **9,10,12,13-Tetrahydroxyoctadecanoic acid**  
 CN **9,10,12,13-Tetrahydroxystearic acid**  
 CN **Sativic acid**  
 FS 3D CONCORD  
 DR 13980-20-6, 3917-65-5  
 MF C18 H36 O6  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, NAPRALERT, TOXCENTER  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

18 REFERENCES IN FILE CA (1962 TO DATE)  
 18 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 145 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 139-44-6 REGISTRY  
 CN Octadecanoic acid, 12-hydroxy-, 1,2,3-propanetriyl ester (8CI, 9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Glycerol, tris(12-hydroxyoctadecanoate) (8CI)  
 CN Octadecanoic acid, 12-hydroxy-, triester with glycerol (6CI, 7CI)  
 OTHER NAMES:  
 CN 12-Hydroxystearic acid triglyceride  
 CN Cutina BW  
 CN Flowtone R  
 CN Glycerine tris(12-hydroxystearate)  
 CN Glycerol 12-hydroxystearate  
 CN Glycerol tris(12-hydroxystearate)  
 CN Glyceryl tris(12-hydroxystearate)  
 CN K 3  
 CN K 3 (wax)  
 CN K 3 Wax 200  
 CN Kao Wax 85  
 CN Kao Wax 85P  
 CN Rikemal TG 12  
 CN Thixcin R  
 CN Tri-12-hydroxystearin  
 CN Trihydroxystearin  
 FS 3D CONCORD  
 DR 38264-86-7, 400628-60-6  
 MF C57 H110 O9  
 CI COM  
 LC STN Files: AQUIRE, BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CHEMLIST, CSCHM, IFICDB, IFIPAT, IFIUDB, PROMT, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

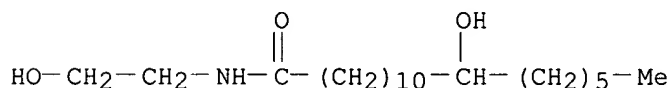


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

190 REFERENCES IN FILE CA (1962 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 190 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 146 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 106-15-0 REGISTRY  
 CN Octadecanamide, 12-hydroxy-N-(2-hydroxyethyl)- (6CI, 8CI, 9CI)  
 (CA INDEX NAME)  
 OTHER NAMES:  
 CN 12-Hydroxy-N-(2-hydroxyethyl) octadecanamide  
 CN 12-Hydroxy-N-(2-hydroxyethyl) stearamide  
 CN Hydroxystearic acid monoethanolamide

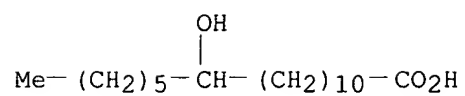
CN Itohwx J 420  
 CN J 420  
 CN Paricin 220  
 FS 3D CONCORD  
 DR 163387-30-2  
 MF C20 H41 N O3  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHM,  
 IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

41 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 41 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 147 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 106-14-9 REGISTRY  
 CN **Octadecanoic acid, 12-hydroxy-** (8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **12-HSA**  
 CN **12-Hydroxyoctadecanoic acid**  
 CN **12-Hydroxystearic acid**  
 CN Barolub FTO  
 CN Cerit Fac 3  
 CN Ceroxin GL  
 CN **DL-12-Hydroxyoctadecanoic acid**  
 CN **DL-12-Hydroxystearic acid**  
 CN G 21  
 CN Harwax A  
 CN Hoctol A  
 CN HSIM 160  
 CN Hydrofol Acid 200  
 CN Hydroxystearin R  
 CN KOW  
 CN Loxiol G 21  
 CN Solsperse 2000  
 FS 3D CONCORD  
 DR 8039-23-4, 36377-33-0, 78642-86-1  
 MF C18 H36 O3  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN,  
 CSCHM, DETHERM\*, EMBASE, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB,  
 MSDS-OHS, NAPRALERT, NIOSHTIC, PROMT, RTECS\*, SPECINFO, TOXCENTER,  
 USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1138 REFERENCES IN FILE CA (1962 TO DATE)  
 238 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1138 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

```

=> s hydroxystearic acid
      0 HYDOXYSTEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
L1      0 HYDOXYSTEARIC ACID
            (HYDOXYSTEARIC (W) ACID)

=> s hydroxy stearic acid
      7 HYDOXY
      2294 STEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
L2      0 HYDOXY STEARIC ACID
            (HYDOXY (W) STEARIC (W) ACID)

=> s hydroxy stearic acid
      2717603 HYDROXY
      2294 STEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
L3      212 HYDROXY STEARIC ACID
            (HYDROXY (W) STEARIC (W) ACID)

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=> s hydroxy stearic acid and 12
      2717603 HYDROXY
      2294 STEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
            212 HYDROXY STEARIC ACID
            (HYDROXY (W) STEARIC (W) ACID)
            637053 12
L4      147 HYDROXY STEARIC ACID AND 12

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=> s hydroxy 12 stearic acid
      2717603 HYDROXY
      637053 12
      2294 STEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
L5      0 HYDROXY 12 STEARIC ACID
            (HYDROXY (W) 12 (W) STEARIC (W) ACID)

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=> d 14 147

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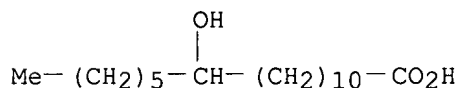
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L4  ANSWER 147 OF 147  REGISTRY  COPYRIGHT 2003 ACS
RN  106-14-9  REGISTRY
CN  Octadecanoic acid, 12-hydroxy- (8CI, 9CI)  (CA INDEX NAME)
OTHER NAMES:
CN  12-HSA
CN  12-Hydroxyoctadecanoic acid

```



CN 12-Hydroxystearic acid  
 CN Barolub FTO  
 CN Cerit Fac 3  
 CN Ceroxin GL  
 CN DL-12-Hydroxyoctadecanoic acid  
 CN DL-12-Hydroxystearic acid  
 CN G 21  
 CN Harwax A  
 CN Hoctol A  
 CN HSIM 160  
 CN Hydrofol Acid 200  
 CN Hydroxystearin R  
 CN KOW  
 CN Loxiol G 21  
 CN Solsperse 2000  
 FS 3D CONCORD  
 DR 8039-23-4, 36377-33-0, 78642-86-1  
 MF C18 H36 O3  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN,  
 CSCHEM, DETHERM\*, EMBASE, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB,  
 MSDS-OHS, NAPRALERT, NIOSHTIC, PROMT, RTECS\*, SPECINFO, TOXCENTER,  
 USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

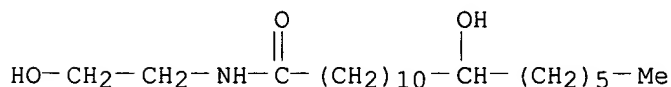
1138 REFERENCES IN FILE CA (1962 TO DATE)  
 238 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1138 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 146  
 L5 HAS NO ANSWERS  
 L5 0 SEA FILE=REGISTRY ABB=ON PLU=ON HYDROXY 12 STEARIC ACID

=> d 14 146

L4 ANSWER 146 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 106-15-0 REGISTRY  
 CN Octadecanamide, 12-hydroxy-N-(2-hydroxyethyl)- (6CI, 8CI, 9CI)  
 (CA INDEX NAME)  
 OTHER NAMES:  
 CN 12-Hydroxy-N-(2-hydroxyethyl) octadecanamide  
 CN 12-Hydroxy-N-(2-hydroxyethyl) stearamide  
 CN Hydroxystearic acid monoethanolamide  
 CN Itohwx J 420  
 CN J 420

CN Paricin 220  
 FS 3D CONCORD  
 DR 163387-30-2  
 MF C20 H41 N O3  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHM,  
 IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

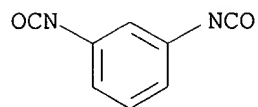
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 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 41 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 14 and poly  
 911185 POLY  
 L6 119 L4 AND POLY

=> d 16 119

L6 ANSWER 119 OF 119 REGISTRY COPYRIGHT 2003 ACS  
 RN 9071-30-1 REGISTRY  
 CN **Octadecanoic acid, 12-hydroxy-, polymer with 1,3-diisocyanatomethylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 2-oxepanone (9CI) (CA INDEX NAME)**  
 OTHER CA INDEX NAMES:  
 CN 1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with 1,3-diisocyanatomethylbenzene, 12-hydroxyoctadecanoic acid and 2-oxepanone (9CI)  
 CN 2-Oxepanone, polymer with 1,3-diisocyanatomethylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 12-hydroxyoctadecanoic acid (9CI)  
 CN Benzene, 1,3-diisocyanatomethyl-, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 12-hydroxyoctadecanoic acid and 2-oxepanone (9CI)  
 OTHER NAMES:  
 CN .epsilon.-Caprolactone-12-hydroxystearic acid-tolyene diisocyanate-trimethylolpane polymer  
 MF (C18 H36 O3 . C9 H6 N2 O2 . C6 H14 O3 . C6 H10 O2)x  
 CI PMS  
 PCT Polyester, Polyester formed, Polyurethane, Polyurethane formed  
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL  
 CM 1  
 CRN 26471-62-5  
 CMF C9 H6 N2 O2

CCI IDS

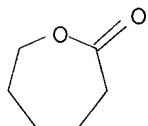


D1-Me

CM 2

CRN 502-44-3

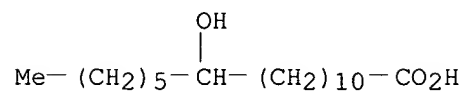
CMF C6 H10 O2



CM 3

CRN 106-14-9

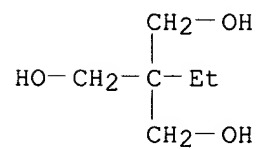
CMF C18 H36 O3



CM 4

CRN 77-99-6

CMF C6 H14 O3



1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 116 115

L16 NOT FOUND

The L-number entered has not been defined in this session, or it

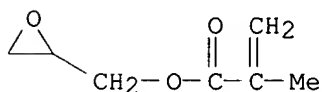
has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> d 16 115

L6 ANSWER 115 OF 119 REGISTRY COPYRIGHT 2003 ACS  
RN 26656-99-5 REGISTRY  
CN Octadecanoic acid, 12-hydroxy-, polymer with methyl  
2-methyl-2-propenoate and oxiranylmethyl 2-methyl-2-propenoate (9CI)  
(CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with  
12-hydroxyoctadecanoic acid and oxiranylmethyl 2-methyl-2-propenoate  
(9CI)  
CN 2-Propenoic acid, 2-methyl-, oxiranylmethyl ester, polymer with  
12-hydroxyoctadecanoic acid and methyl 2-methyl-2-propenoate (9CI)  
CN Methacrylic acid methyl ester, polymer with 2,3-epoxypropyl  
methacrylate and 12-hydroxyoctadecanoic acid (8CI)  
CN Methacrylic acid, 2,3-epoxypropyl ester, polymer with  
12-hydroxyoctadecanoic acid and methyl methacrylate (8CI)  
CN Octadecanoic acid, 12-hydroxy-, polymer with 2,3-epoxypropyl  
methacrylate and methyl methacrylate (8CI)  
OTHER NAMES:  
CN Glycidyl methacrylate-12-hydroxystearic acid-methyl methacrylate  
copolymer  
CN Glycidyl methacrylate-12-hydroxystearic acid-methyl methacrylate  
polymer  
MF (C18 H36 O3 . C7 H10 O3 . C5 H8 O2)x  
CI PMS, COM  
PCT Polyacrylic, Polyester, Polyester formed  
LC STN Files: CA, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, TOXCENTER,  
USPATFULL  
Other Sources: DSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

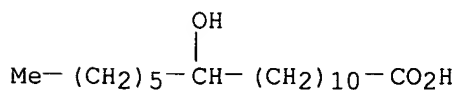
CM 1

CRN 106-91-2  
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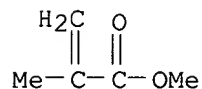
CM 2

CRN 106-14-9  
CMF C18 H36 O3



CM 3

CRN 80-62-6  
CMF C5 H8 O2



16 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
16 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s poly hydroxy stearic acid

911185 POLY  
2717603 HYDROXY  
0 STERAC  
5866626 ACID  
8231 ACIDS  
5872710 ACID

(ACID OR ACIDS)

L7 0 POLY HYDROXY STERAC ACID  
(POLY(W) HYDROXY(W) STERAC(W) ACID)

=> d his

(FILE 'HOME' ENTERED AT 17:27:35 ON 17 APR 2003)

FILE 'REGISTRY' ENTERED AT 17:27:45 ON 17 APR 2003

L1 0 S HYDROXYSTEARIC ACID  
L2 0 S HYDROXY STEARIC ACID  
L3 212 S HYDROXY STEARIC ACID  
L4 147 S HYDROXY STEARIC ACID AND 12  
L5 0 S HYDROXY 12 STEARIC ACID  
L6 119 S L4 AND POLY  
L7 0 S POLY HYDROXY STERAC ACID

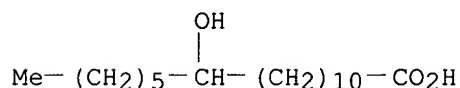
=> d 14 140-147

L4 ANSWER 140 OF 147 REGISTRY COPYRIGHT 2003 ACS  
RN 3159-62-4 REGISTRY  
CN **Octadecanoic acid, 12-hydroxy-, calcium salt (2:1) (8CI, 9CI)**  
(CA INDEX NAME)

OTHER NAMES:

CN **12-Hydroxystearic acid calcium salt**  
CN Advastab CS 6  
CN **Calcium 12-hydroxyoctadecanoate**  
CN **Calcium 12-hydroxystearate**  
CN **Calcium di-12-hydroxystearate**  
CN Calcium hydroxystearate  
CN CS 6  
CN CS 600  
CN CS 600 (fatty acid)  
CN LIGA  
CN NF 12Ca  
DR 2087-08-3  
MF C18 H36 O3 . 1/2 Ca  
CI COM

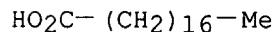
LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, CSCHM, IFICDB, IFIPAT, IFIUDB,  
MSDS-OHS, PROMT, TOXCENTER, USPATFULL  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
CRN (106-14-9)



● 1/2 Ca

198 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
198 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 141 OF 147 REGISTRY COPYRIGHT 2003 ACS  
RN 1330-70-7 REGISTRY  
CN Octadecanoic acid, hydroxy- (7CI, 8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Cenwax A  
CN Edenor DSSG  
CN Hydroxyoctadecanoic acid  
CN **Hydroxystearic acid**  
CN **Hyfac 12**  
CN **Monohydroxystearic acid**  
MF C18 H36 O3  
CI IDS, COM  
LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,  
CAOLD,  
CAPLUS, CHEMCATS, CHEMLIST, CIN, EMBASE, ENCOMPLIT, ENCOMPLIT2,  
ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDB, NAPRALERT, PROMT,  
TOXCENTER, USPAT2, USPATFULL  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



D1-OH

231 REFERENCES IN FILE CA (1962 TO DATE)  
59 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
231 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 142 OF 147 REGISTRY COPYRIGHT 2003 ACS  
RN 1323-43-9 REGISTRY  
CN **Octadecanoic acid, 12-hydroxy-, monoester with 1,2,3-propanetriol**  
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

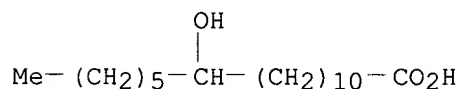
CN Glycerol, mono(12-hydroxyoctadecanoate) (8CI)  
CN Octadecanoic acid, 12-hydroxy-, ester with glycerol (6CI, 7CI)  
CN Octadecanoic acid, 12-hydroxy-, monoester with glycerol (8CI)

OTHER NAMES:

CN 12-Hydroxystearic acid monoglyceride  
CN Glycerin mono-12-hydroxystearate  
CN Glyceryl mono-12-hydroxystearate  
CN NatureChem GMHS  
CN Rikemal HC 100  
CN Rikemal HC 200  
CN Rilanit GMHS  
CN Salacos 121  
DR 211555-81-6  
MF C21 H42 O5  
CI IDS, COM  
LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB,  
TOXCENTER, USPATFULL

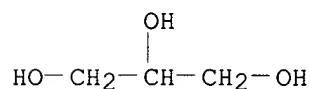
CM 1

CRN 106-14-9  
CMF C18 H36 O3



CM 2

CRN 56-81-5  
CMF C3 H8 O3



24 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
24 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 143 OF 147 REGISTRY COPYRIGHT 2003 ACS  
RN 1069-92-7 REGISTRY

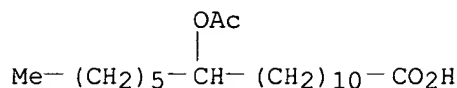
CN Octadecanoic acid, 12-(acetyloxy)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Octadecanoic acid, 12-hydroxy-, acetate (6CI, 7CI, 8CI)

OTHER NAMES:

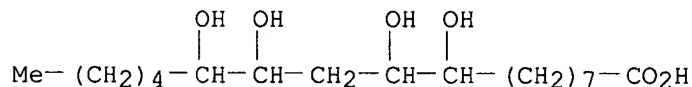
CN 12-Acetoxystearic acid  
CN 12-Hydroxystearic acid acetate  
MF C20 H38 O4  
CI COM  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, TOXCENTER, USPAT2,  
USPATFULL  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

14 REFERENCES IN FILE CA (1962 TO DATE)  
 14 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 144 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 541-82-2 REGISTRY  
 CN **Octadecanoic acid, 9,10,12,13-tetrahydroxy-** (6CI, 7CI, 8CI, 9CI)  
 (CA INDEX NAME)  
 OTHER NAMES:  
 CN **9,10,12,13-Tetrahydroxyoctadecanoic acid**  
 CN **9,10,12,13-Tetrahydroxystearic acid**  
 CN Sativic acid  
 FS 3D CONCORD  
 DR 13980-20-6, 3917-65-5  
 MF C18 H36 O6  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, NAPRALERT, TOXCENTER  
 (\*File contains numerically searchable property data)



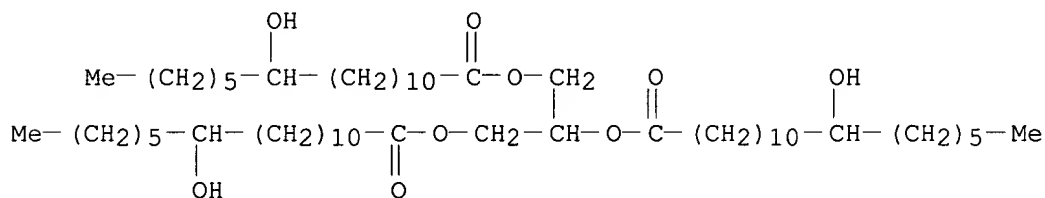
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

18 REFERENCES IN FILE CA (1962 TO DATE)  
 18 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 145 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 139-44-6 REGISTRY  
 CN **Octadecanoic acid, 12-hydroxy-, 1,2,3-propanetriyl ester** (8CI, 9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN **Glycerol, tris(12-hydroxyoctadecanoate)** (8CI)  
 CN **Octadecanoic acid, 12-hydroxy-, triester with glycerol** (6CI, 7CI)  
 OTHER NAMES:  
 CN **12-Hydroxystearic acid triglyceride**  
 CN Cutina BW  
 CN Flowtone R  
 CN **Glycerine tris(12-hydroxystearate)**  
 CN **Glycerol 12-hydroxystearate**  
 CN **Glycerol tris(12-hydroxystearate)**  
 CN **Glyceryl tris(12-hydroxystearate)**  
 CN K 3  
 CN K 3 (wax)  
 CN K 3 Wax 200



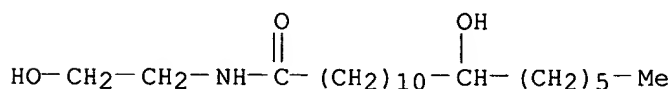
CN Kao Wax 85  
 CN Kao Wax 85P  
 CN **Rikemal TG 12**  
 CN Thixcin R  
 CN **Tri-12-hydroxystearin**  
 CN Trihydroxystearin  
 FS 3D CONCORD  
 DR 38264-86-7, 400628-60-6  
 MF C57 H110 O9  
 CI COM  
 LC STN Files: AQUIRE, BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CHEMLIST, CSChem, IFICDB, IFIPAT, IFIUDB, PROMT, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

190 REFERENCES IN FILE CA (1962 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 190 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

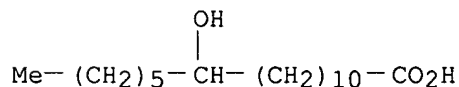
L4 ANSWER 146 OF 147 REGISTRY COPYRIGHT 2003 ACS  
 RN 106-15-0 REGISTRY  
 CN **Octadecanamide, 12-hydroxy-N-(2-hydroxyethyl)- (6CI, 8CI, 9CI)**  
 (CA INDEX NAME)  
 OTHER NAMES:  
 CN **12-Hydroxy-N-(2-hydroxyethyl)octadecanamide**  
 CN **12-Hydroxy-N-(2-hydroxyethyl)stearamide**  
 CN **Hydroxystearic acid monoethanolamide**  
 CN Itohax J 420  
 CN J 420  
 CN Paricin 220  
 FS 3D CONCORD  
 DR 163387-30-2  
 MF C20 H41 N O3  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSChem, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

41 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
41 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 147 OF 147 REGISTRY COPYRIGHT 2003 ACS  
RN 106-14-9 REGISTRY  
CN **Octadecanoic acid, 12-hydroxy- (8CI, 9CI)** (CA INDEX NAME)  
OTHER NAMES:  
CN **12-HSA**  
CN **12-Hydroxyoctadecanoic acid**  
CN **12-Hydroxystearic acid**  
CN Barolub FTO  
CN Cerit Fac 3  
CN Ceroxin GL  
CN **DL-12-Hydroxyoctadecanoic acid**  
CN **DL-12-Hydroxystearic acid**  
CN G 21  
CN Harwax A  
CN Hoctol A  
CN HSIM 160  
CN Hydrofol Acid 200  
CN Hydroxystearin R  
CN KOW  
CN Loxiol G 21  
CN Solsperse 2000  
FS 3D CONCORD  
DR 8039-23-4, 36377-33-0, 78642-86-1  
MF C18 H36 O3  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DETHERM\*, EMBASE, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, NAPRALERT, NIOSHTIC, PROMT, RTECS\*, SPECINFO, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1138 REFERENCES IN FILE CA (1962 TO DATE)  
238 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1138 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> fil caplus uspatfull  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

111.98

112.19

FILE 'CAPLUS' ENTERED AT 17:32:20 ON 17 APR 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 17:32:20 ON 17 APR 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 106-14-0/rn  
L8 0 106-14-0/RN

=> s 106-14-9/rn  
L9 1149 106-14-9/RN

=> s l9 and cosmetic  
L10 172 L9 AND COSMETIC

=> s l10 and lipstick  
L11 34 L10 AND LIPSTICK

=> s l11 and py<2000  
L12 12 L11 AND PY<2000

=> dup rem l12  
PROCESSING COMPLETED FOR L12  
L13 12 DUP REM L12 (0 DUPLICATES REMOVED)

=> d l13 1-12

L13 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2003 ACS

AN 1998:479389 CAPLUS

DN 129:99841

TI Gel compositions containing gellants in the form of alkyl amides of  
tri-carboxylic acids

IN Guskey, Gerald John; Swaile, David Frederick

PA Procter & Gamble Co., USA

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9827948	A1	19980702	WO 1997-US22953	19971205 <--
	W: AU, BR, CA, CN, JP, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	US 6190673	B1	20010220	US 1996-771090	19961220
	AU 9857003	A1	19980717	AU 1998-57003	19971205 <--
	EP 952812	A1	19991103	EP 1997-953202	19971205 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	CN 1245421	A	20000223	CN 1997-181570	19971205
	BR 9714163	A	20000425	BR 1997-14163	19971205
	JP 2001507068	T2	20010529	JP 1998-528856	19971205
PRAI	US 1996-771090	A	19961220		
	WO 1997-US22953	W	19971205		
OS	MARPAT 129:99841				

```
L13 ANSWER 4 OF 12 USPATFULL
AN 97:15815 USPATFULL
TI Method of preparing sunscreens
IN Tapley, Carole A. M., Cleveland, England
PA Tioxide Specialties Limited, United Kingdom (non-U.S. corporation)
PI US 5605652 19970225 <--
AI US 1995-459704 19950602 (8)
RLI Division of Ser. No. US 1992-953265, filed on 30 Sep 1992
PRAI GB 1991-21153 19911004
DT Utility
FS Granted
LN.CNT 519
INCL INCLM: 252/313.100
INCLS: 106/436.000; 252/315.400; 424/059.000; 424/060.000; 514/772.000;
514/784.000; 514/785.000
NCL NCLM: 424/059.000
NCLS: 106/436.000; 424/060.000; 514/772.000; 514/784.000; 514/785.000;
516/033.000
IC [6]
ICM: B01J013-00
ICS: C09C001-36; A61K007-42
EXF 424/59; 424/60; 252/313.1; 252/315.4; 106/436; 106/442; 514/772;
514/784; 514/785; 514/786
```

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 5 OF 12 USPATFULL  
AN 96:103727 USPATFULL  
TI Method of preparing sunscreens  
IN Tapley, Carole A. M., Stockton on Tees, Great Britain  
PA Tioxide Specialties Limited, United Kingdom (non-U.S. corporation)  
Tioxide House, United Kingdom (non-U.S. corporation)  
PI US 5573753 19961112 <--  
AI US 1992-953265 19920930 (7)  
PRAI GB 1991-21153 19911004  
DT Utility  
FS Granted  
LN.CNT 611  
INCL INCLM: 424/059.000  
INCLS: 424/060.000; 424/063.000; 424/064.000; 514/937.000; 514/938.000  
NCL NCLM: 424/059.000  
NCLS: 424/060.000; 424/063.000; 424/064.000; 514/937.000; 514/938.000  
IC [6]  
ICM: A61K007-42  
ICS: A61K007-40; A61K007-021; A61K007-025  
EXF 424/59

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2003 ACS  
AN 1992:455677 CAPLUS  
DN 117:55677  
TI Transparent solid **cosmetics** containing 12-hydroxystearic acid,  
oils, and fatty acid esters  
IN Kato, Tooru  
PA Kanebo K. K., Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1  

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 04091011	A2	19920324	JP 1990-209544	19900807 <--
	JP 2942320	B2	19990830		
PRAI	JP 1990-209544		19900807		

L13 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2003 ACS  
AN 1992:455676 CAPLUS  
DN 117:55676  
TI Transparent solid **cosmetics** containing 12-hydroxystearic acid,  
oils, and siloxanes  
IN Kato, Tooru  
PA Kanebo K. K., Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1  

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 04091010	A2	19920324	JP 1990-209543	19900807 <--
PRAI	JP 1990-209543		19900807		

L13 ANSWER 8 OF 12 USPATFULL

AN 92:23030 USPATFULL  
 TI Fiber treatment process utilizing silanol waxes  
 IN O'Lenick, Jr., Anthony J., Lilburn, GA, United States  
 PA Siltech Inc., Norcross, GA, United States (U.S. corporation)  
 PI US 5098746 19920324 <--  
 AI US 1991-681728 19910408 (7)  
 RLI Continuation-in-part of Ser. No. US 1990-470224, filed on 25 Jan 1990,  
 now patented, Pat. No. US 5051489  
 DT Utility  
 FS Granted  
 LN.CNT 407  
 INCL INCLM: 427/387.000  
 INCLS: 424/070.000; 424/059.000; 427/389.000; 427/389.900; 427/391.000;  
 428/446.000; 428/484.000  
 NCL NCLM: 427/387.000  
 NCLS: 424/059.000; 424/070.120; 427/389.000; 427/389.900; 427/391.000;  
 428/446.000; 428/484.000  
 IC [5]  
 ICM: B05D003-02  
 EXF 424/78; 427/387; 427/389; 427/389.9; 427/391; 428/447; 428/452;  
 428/446;  
 428/484

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2003 ACS  
 AN 1989:198928 CAPLUS  
 DN 110:198928  
 TI Makeup sticks containing 12-hydroxysteric acid and esters  
 IN Yokota, Takashi; Fukukura, Itsuo  
 PA Kobayashi Kose Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63119412	A2	19880524	JP 1986-264953	19861107 <--
PRAI	JP 1986-264953		19861107		

L13 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2003 ACS  
 AN 1989:198929 CAPLUS  
 DN 110:198929  
 TI Transparent solid **cosmetic** compositions containing esters and  
 12-hydroxystearic acid  
 IN Yokota, Takashi; Fukukura, Itsuo  
 PA Kobayashi Kose Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63119405	A2	19880524	JP 1986-262942	19861105 <--
	JP 06096488	B4	19941130		
PRAI	JP 1986-262942		19861105		

L13 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS  
 AN 1985:583390 CAPLUS

DN 103:183390  
TI Dye stabilizers  
PA Shiraichi, Tadao, Japan  
SO Jpn. Kokai Tokkyo Koho, 11 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 60120806	A2	19850628	JP 1983-228151	19831201 <--
	JP 05082366	B4	19931118		
PRAI	JP 1983-228151		19831201		

L13 ANSWER 12 OF 12 USPATFULL

AN 83:25049 USPATFULL

TI Esterification reaction products and **cosmetics** containing same

IN Yamada, Osamu, Yokohama, Japan

Higaki, Yuzo, Machida, Japan

Ukai, Akitoshi, Yokohama, Japan

PA The Nisshin Oil Mills, Limited, Tokyo, Japan (non-U.S. corporation)

PI US 4389346 19830621 <--

AI US 1981-235405 19810218 (6)

PRAI JP 1980-17761 19800218

DT Utility

FS Granted

LN.CNT 428

INCL INCLM: 260/410.700

INCLS: 260/104.000; 424/063.000; 424/064.000; 424/069.000; 424/070.000

NCL NCLM: 424/063.000

NCLS: 424/064.000; 424/069.000; 424/070.100; 530/218.000

IC [3]

ICM: C11C003-02

EXF 260/104; 260/410.7; 260/410.6; 424/63; 424/64; 424/69; 424/70

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l13 11 ab

L13 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS

AB Dipentaerythritol tetra-12-hydroxystearate [98914-74-0],  
dipentaerythritol sesquisteate, dipentaerythritol hemirosin acid ester  
mixts. prepd. from treatment of a mixt. of 12-hydroxystearic acid [106-14-9],  
stearic acid [57-11-4], and rosin acids with  
dipentaerythritol [126-58-9] are stabilizers for colors. Thus, a rouge  
contg. talc 62.5, kaolin 20.0, TiO2 4.0, zinc stearate 5.0, corn starch  
5.0, Red color no. 202 1.5, Orange color no 201 0.9, Blue color no. 1

0.6,

and the stabilizer 0.5 was stable at 40.degree. and 75% relative humidity  
for up to 100 days. Toxicol. properties of the stabilizer were detd.

=> d l13 11 all

L13 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS

AN 1985:583390 CAPLUS

DN 103:183390

TI Dye stabilizers

PA Shiraichi, Tadao, Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 ICM A61K007-00  
 ICS A61K007-50  
 ICA A61K047-00  
 CC 62-4 (Essential Oils and Cosmetics)  
 Section cross-reference(s): 17, 63  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60120806	A2	19850628	JP 1983-228151	19831201 <--
	JP 05082366	B4	19931118		
PRAI	JP 1983-228151		19831201		

AB Dipentaerythritol tetra-12-hydroxystearate [98914-74-0], dipentaerythritol sesquisteate, dipentaerythritol hemirosin acid ester mixts. prepd. from treatment of a mixt. of 12-hydroxystearic acid [106-14-9], stearic acid [57-11-4], and rosin acids with dipentaerythritol [126-58-9] are stabilizers for colors. Thus, a rouge contg. talc 62.5, kaolin 20.0, TiO<sub>2</sub> 4.0, zinc stearate 5.0, corn starch 5.0, Red color no. 202 1.5, Orange color no 201 0.9, Blue color no. 1

0.6, and the stabilizer 0.5 was stable at 40.degree. and 75% relative humidity for up to 100 days. Toxicol. properties of the stabilizer were detd.

ST color stabilizer **cosmetic** dipentaerythritol ester

IT **Cosmetics**

Pharmaceuticals

(coloring agents for, stabilizers for, dipentaerythritol esters as)

IT Resin acids and Rosin acids

RL: BIOL (Biological study)

(dipentaerythritol esters, as color stabilizers, for **cosmetics**)

IT Stabilizing agents

(dipentaerythritol esters, for **cosmetics**)

IT Coloring materials

(stabilizers for, for **cosmetics** and pharmaceuticals, dipentaerythritol esters as)

IT **Cosmetics**

(lipsticks, coloring agents for, stabilizers for, dipentaerythritol esters as)

IT **Cosmetics**

(rouges, coloring agents for, stabilizers for, dipentaerythritol

esters

as)

IT 98914-74-0

RL: BIOL (Biological study)

(as color stabilizer, for **cosmetics**)

IT 126-58-9D, esters

RL: BIOL (Biological study)

(as color stabilizers, for **cosmetics**)

IT 126-58-9

RL: RCT (Reactant); RACT (Reactant or reagent)

(etherification of, with carboxylic acid)

IT 57-11-4, biological studies 106-14-9

RL: RCT (Reactant); RACT (Reactant or reagent)

(etherification of, with dipentaerythritol)

=>



L13 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS

AN 1985:583390 CAPLUS

DN 103:183390

TI Dye stabilizers

PA Shiraichi, Tadao, Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-00

ICS A61K007-50

ICA A61K047-00

CC 62-4 (Essential Oils and Cosmetics)

Section cross-reference(s): 17, 63

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60120806	A2	19850628	JP 1983-228151	19831201 <--
	JP 05082366	B4	19931118		
PRAI	JP 1983-228151		19831201		

AB Dipentaerythritol tetra-12-hydroxystearate [98914-74-0], dipentaerythritol sesquisteate, dipentaerythritol hemirosin acid ester mixts. prepd. from treatment of a mixt. of 12-hydroxystearic acid [106-14-9], stearic acid [57-11-4], and rosin acids with dipentaerythritol [126-58-9] are stabilizers for colors. Thus, a rouge contg. talc 62.5, kaolin 20.0, TiO2 4.0, zinc stearate 5.0, corn starch 5.0, Red color no. 202 1.5, Orange color no 201 0.9, Blue color no. 1

0.6,

and the stabilizer 0.5 was stable at 40.degree. and 75% relative humidity for up to 100 days. Toxicol. properties of the stabilizer were detd.

ST color stabilizer **cosmetic** dipentaerythritol ester

IT **Cosmetics**

Pharmaceuticals

(coloring agents for, stabilizers for, dipentaerythritol esters as)

IT Resin acids and Rosin acids

RL: BIOL (Biological study)

(dipentaerythritol esters, as color stabilizers, for **cosmetics**)

IT Stabilizing agents

(dipentaerythritol esters, for **cosmetics**)

IT Coloring materials

(stabilizers for, for **cosmetics** and pharmaceuticals, dipentaerythritol esters as)

IT **Cosmetics**

(lipsticks, coloring agents for, stabilizers for, dipentaerythritol esters as)

IT **Cosmetics**

(rouges, coloring agents for, stabilizers for, dipentaerythritol esters as)

IT 98914-74-0

RL: BIOL (Biological study)

(as color stabilizer, for **cosmetics**)

IT 126-58-9D, esters

RL: BIOL (Biological study)

(as color stabilizers, for **cosmetics**)

IT 126-58-9

RL: RCT (Reactant); RACT (Reactant or reagent)

(etherification of, with carboxylic acid)

IT 57-11-4, biological studies 106-14-9

RL: RCT (Reactant); RACT (Reactant or reagent)  
(etherification of, with dipentaerythritol)

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